

50C

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/532,986
Source: P4/10
Date Processed by STIC: 1/10/06

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 01/10/2006

PATENT APPLICATION: US/10/532,986

TIME: 08:21:48

Input Set : A:\Sequence Listing 8-8-05.txt

Output Set: N:\CRF4\01102006\J532986.raw

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3 <110> APPLICANT: Kondoh, Gen
5 <120> TITLE OF INVENTION: ANGIOTENSIN-CONVERTING ENZYME CONTAINING MEDICINE
7 <130> FILE REFERENCE: 2005-0733A/WMC/00653
9 <140> CURRENT APPLICATION NUMBER: 10/532,986
10 <141> CURRENT FILING DATE: 2005-04-28
12 <150> PRIOR APPLICATION NUMBER: PCT/JP2003/013851
13 <151> PRIOR FILING DATE: 2003-10-29
15 <150> PRIOR APPLICATION NUMBER: JP 2002-314078
16 <151> PRIOR FILING DATE: 2002-10-29
18 <160> NUMBER OF SEQ ID NOS: 4
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 37
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: description of artificial sequence: Synthetic oligonucleotide
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33 <211> LENGTH: 57
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: description of artificial sequence: Synthetic oligonucleotide
40 <400> SEQUENCE: 2
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44 <210> SEQ ID NO: 3
45 <211> LENGTH: 48
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: description of artificial sequence: Synthetic oligonucleotide
52 <400> SEQUENCE: 3
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56 <210> SEQ ID NO: 4
57 <211> LENGTH: 764
58 <212> TYPE: PRT
59 <213> ORGANISM: Mus musculus
61 <300> PUBLICATION INFORMATION:
62 <308> DATABASE ACCESSION NO: GenPept/NP_033728
63 <309> DATABASE ENTRY DATE: 2003-10-04
65 <400> SEQUENCE: 4
67 Met Gly Gln Gly Trp Ala Thr Pro Gly Leu Pro Ser Phe Leu Phe Leu

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68 1          5          10          15
70 Leu Leu Cys Cys Gly His His Leu Leu Val Leu Ser Gln Val Ala Thr
71          20          25          30
73 Asp His Val Thr Ala Asn Gln Gly Ile Thr Asn Gln Ala Thr Thr Arg
74          35          40          45
76 Ser Gln Thr Thr Thr His Gln Ala Thr Ile Asp Gln Thr Thr Gln Ile
77          50          55          60
79 Pro Asn Leu Glu Thr Asp Glu Ala Lys Ala Asp Arg Phe Val Glu Glu
80 65          70          75          80
82 Tyr Asp Arg Thr Ala Gln Val Leu Leu Asn Glu Tyr Ala Glu Ala Asn
83          85          90          95
85 Trp Gln Tyr Asn Thr Asn Ile Thr Ile Glu Gly Ser Lys Ile Leu Leu
86          100          105          110
88 Glu Lys Ser Thr Glu Val Ser Asn His Thr Leu Lys Tyr Gly Thr Arg
89          115          120          125
91 Ala Lys Thr Phe Asp Val Ser Asn Phe Gln Asn Ser Ser Ile Lys Arg
92          130          135          140
94 Ile Ile Lys Lys Leu Gln Asn Leu Asp Arg Ala Val Leu Pro Pro Lys
95 145          150          155          160
97 Glu Leu Glu Glu Tyr Asn Gln Ile Leu Leu Asp Met Glu Thr Thr Tyr
98          165          170          175
100 Ser Leu Ser Asn Ile Cys Tyr Thr Asn Gly Thr Cys Met Pro Leu Glu
101          180          185          190
103 Pro Asp Leu Thr Asn Met Met Ala Thr Ser Arg Lys Tyr Glu Glu Leu
104          195          200          205
106 Leu Trp Ala Trp Lys Ser Trp Arg Asp Lys Val Gly Arg Ala Ile Leu
107          210          215          220
109 Pro Phe Phe Pro Lys Tyr Val Glu Phe Ser Asn Lys Ile Ala Lys Leu
110 225          230          235          240
112 Asn Gly Tyr Thr Asp Ala Gly Asp Ser Trp Arg Ser Leu Tyr Glu Ser
113          245          250          255
115 Asp Asn Leu Glu Gln Asp Leu Glu Lys Leu Tyr Gln Glu Leu Gln Pro
116          260          265          270
118 Leu Tyr Leu Asn Leu His Ala Tyr Val Arg Arg Ser Leu His Arg His
119          275          280          285
121 Tyr Gly Ser Glu Tyr Ile Asn Leu Asp Gly Pro Ile Pro Ala His Leu
122          290          295          300
124 Leu Gly Asn Met Trp Ala Gln Thr Trp Ser Asn Ile Tyr Asp Leu Val
125 305          310          315          320
127 Ala Pro Phe Pro Ser Ala Pro Asn Ile Asp Ala Thr Glu Ala Met Ile
128          325          330          335
130 Lys Gln Gly Trp Thr Pro Arg Arg Ile Phe Lys Glu Ala Asp Asn Phe
131          340          345          350
133 Phe Thr Ser Leu Gly Leu Leu Pro Val Pro Pro Glu Phe Trp Asn Lys
134          355          360          365
136 Ser Met Leu Glu Lys Pro Thr Asp Gly Arg Glu Val Cys His Pro
137          370          375          380
139 Ser Ala Trp Asp Phe Tyr Asn Gly Lys Asp Phe Arg Ile Lys Gln Cys
140 385          390          395          400

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142 Thr Ser Val Asn Met Glu Asp Leu Val Ile Ala His His Glu Met Gly
143           405           410           415
145 His Ile Gln Tyr Phe Met Gln Tyr Lys Asp Leu Pro Val Thr Phe Arg
146           420           425           430
148 Glu Gly Ala Asn Pro Gly Phe His Glu Ala Ile Gly Asp Ile Met Ala
149           435           440           445
151 Leu Ser Val Ser Thr Pro Lys His Leu Tyr Ser Leu Asn Leu Leu Ser
152           450           455           460
154 Thr Glu Gly Ser Gly Tyr Glu Tyr Asp Ile Asn Phe Leu Met Lys Met
155 465           470           475           480
157 Ala Leu Asp Lys Ile Ala Phe Ile Pro Phe Ser Tyr Leu Ile Asp Gln
158           485           490           495
160 Trp Arg Trp Arg Val Phe Asp Gly Ser Ile Thr Lys Glu Asn Tyr Asn
161           500           505           510
163 Gln Glu Trp Trp Ser Leu Arg Leu Lys Tyr Gln Gly Leu Cys Pro Pro
164           515           520           525
166 Val Pro Arg Ser Gln Gly Asp Phe Asp Pro Gly Ser Lys Phe His Val
167           530           535           540
169 Pro Ala Asn Val Pro Tyr Val Arg Tyr Phe Val Ser Phe Ile Ile Gln
170 545           550           555           560
172 Phe Gln Phe His Glu Ala Leu Cys Arg Ala Ala Gly His Thr Gly Pro
173           565           570           575
175 Leu His Lys Cys Asp Ile Tyr Gln Ser Lys Glu Ala Gly Lys Leu Leu
176           580           585           590
178 Ala Asp Ala Met Lys Leu Gly Tyr Ser Lys Pro Trp Pro Glu Ala Met
179           595           600           605
181 Lys Leu Ile Thr Gly Gln Pro Asn Met Ser Ala Ser Ala Met Met Asn
182           610           615           620
184 Tyr Phe Lys Pro Leu Thr Glu Trp Leu Val Thr Glu Asn Arg Arg His
185 625           630           635           640
187 Gly Glu Thr Leu Gly Trp Pro Glu Tyr Asn Trp Ala Pro Asn Thr Ala
188           645           650           655
190 Arg Ala Glu Gly Ser Thr Ala Glu Ser Asn Arg Val Asn Phe Leu Gly
191           660           665           670
193 Leu Tyr Leu Glu Pro Gln Gln Ala Arg Val Gly Gln Trp Val Leu Leu
194           675           680           685
196 Phe Leu Gly Val Ala Leu Leu Val Ala Thr Val Gly Leu Ala His Arg
197           690           695           700
199 Leu Tyr Asn Ile Arg Asn His His Ser Leu Arg Arg Pro His Arg Gly
200 705           710           715           720
202 Pro Gln Phe Gly Ser Glu Val Glu Leu Arg His Ser Leu Ala His Arg
203           725           730           735
205 Leu Tyr Asn Ile Arg Asn His His Ser Leu Arg Arg Pro His Arg Gly
206           740           745           750
208 Pro Gln Phe Gly Ser Glu Val Glu Leu Arg His Ser
209           755           760

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VERIFICATION SUMMARY

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